

Converting Colors

Yxy(57.0632, 0.2581, 0.2705)

Have a look what the booklet for
Yxy(57.0632, 0.2581, 0.2705)
contains.

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Color

Yxy(57.0632, 0.2581, 0.2705)

Conversions

Conversions Part 1

Format	Color
Hex	A8C9FB
RGB	168, 201, 251
RGB Percent	66%, 79%, 98%
CMY	0.3413, 0.2117, 0.0155
CMYK	0.33, 0.20, 0.00, 0.02
HSL	216°, 91%, 82%
HSV	216°, 33%, 98%
XYZ	54.4474, 57.0632, 99.4440
YIQ	196.8330, -35.7180, 8.5540

Conversions

Conversions Part 2

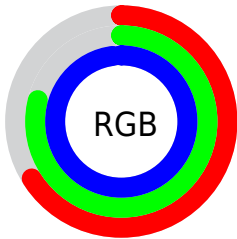
Format	Color
R _Y B	168, 192, 251
Decimal	11061755
CIE Lab	80.22, 0.54, -28.16
CIE LCh	80, 28.162, 271.090
Yxy	57.0632, 0.2581, 0.2705
Android (android.graphics.Color)	4289251835 (0xFFA8C9FB)
YUV	196.8330, 26.7043, -25.2865
Hunter-Lab	75.5402, -3.5373, -25.1735

Details

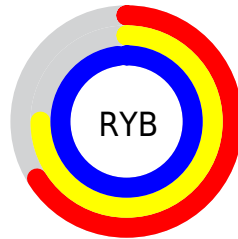
The Yxy color **57.0632, 0.2581, 0.2705** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **73.4878, 0.3730, 0.3811**, and the grayscale version is **55.5799, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7476, 0.2946, 0.3289**, and **28.2732, 0.2446, 0.2563** is the 20% darker color. If you saturate the color by 10%, you get **47.8651, 0.2406, 0.2490**, and if you desaturate by 10%, it is **67.4916, 0.2754, 0.2903**.

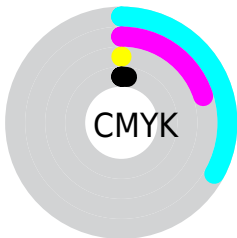
Distribution



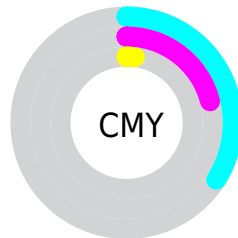
- Red (66%)
- Green (79%)
- Blue (98%)



- Red (66%)
- Yellow (75%)
- Blue (98%)



- Cyan (33%)
- Magenta (20%)
- Yellow (0%)
- Black (2%)



- Cyan (34%)
- Magenta (21%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.0632, 0.2581, 0.2705 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 57.0632, 0.2581, 0.2705 by changing the saturation by 10% instead.

■ 57.0632, 0.2581,
0.2705

■ 57.0632, 0.2581,
0.2705

■ 413.6861, 0.2840,
0.2982

■ 41.0560, 0.2521,
0.2641

■ 100.5574, 0.2672,
0.2802

■ 28.3628, 0.2446,
0.2561

■ 128.8132, 0.2707,
0.2839

■ 18.5993, 0.2351,
0.2460

■ 161.9206, 0.2737,
0.2872

■ 11.3811, 0.2227,
0.2327

■ 200.2640, 0.2763,
0.2900

■ 6.3238, 0.2057,
0.2147

■ 244.2279, 0.2786,
0.2924

■ 3.0430, 0.1817,
0.1892

■ 294.1966, 0.2806,

■ 1.1542, 0.1457,

0.2946

0.1511

350.5545, 0.2824,
0.2965

0.0238, 0.0145,
0.0097

0.0000, 0.0000,
0.0000

57.0632, 0.2581,
0.2705

57.0632, 0.2581,
0.2705

47.8651, 0.2406,
0.2490

67.4916, 0.2754,
0.2903

39.8398, 0.2236,
0.2262

79.1909, 0.2921,
0.3083

32.9349, 0.2075,
0.2026

92.2080, 0.3080,
0.3244

27.0904, 0.1932,
0.1790

99.7476, 0.3150,
0.3328

■ 22.2392, 0.1812,
0.1563

■ 18.3032, 0.1721,
0.1354

■ 16.0506, 0.1673,
0.1223

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.0632, 0.2450, 0.2849



57.0632, 0.2581, 0.2705



57.0632, 0.2856, 0.2710

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.0632, 0.2581, 0.2705



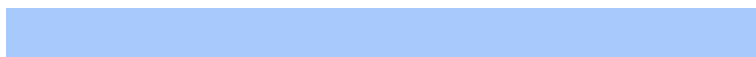
57.0632, 0.3814, 0.3386



57.0632, 0.3004, 0.3798

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



57.0632, 0.2581, 0.2705



73.4878, 0.3730, 0.3811

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



57.0632, 0.3371, 0.3947



57.0632, 0.2581, 0.2705



57.0632, 0.3851, 0.3678

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.0632, 0.2581, 0.2705



57.0632, 0.3577, 0.3090



57.0632, 0.3684, 0.3891



57.0632, 0.2683, 0.3485

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.0632, 0.2581, 0.2705



57.0632, 0.3094, 0.2790



57.0632, 0.3684, 0.3891



57.0632, 0.3126, 0.3870

Sweetspot

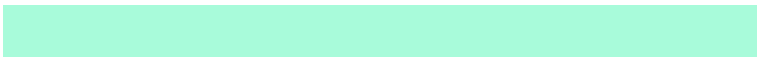
The Sweet Spot groups the original color and five complimentary colors.



57.0654, 0.2581, 0.2705



86.0695, 0.2971, 0.3135



82.3934, 0.2820, 0.3671



18.0273, 0.2948, 0.3111



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.0654, 0.2581, 0.2705



52.3823, 0.2460, 0.2557



44.2243, 0.2588, 0.2317



17.7757, 0.2979, 0.3143



8.6992, 0.1682, 0.1253



1.0064, 0.1747, 0.1488

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



52.7283, 0.3592, 0.2944



47.9180, 0.3732, 0.2870



90.8531, 0.3570, 0.4135



17.3396, 0.3231, 0.3196



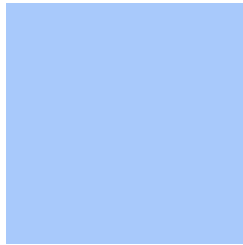
11.2891, 0.5391, 0.2744



1.0658, 0.5075, 0.2569

Previews

White Background



This preview shows how the Yxy color 57.0632, 0.2581, 0.2705 looks on a white background.

Color Contrast Check

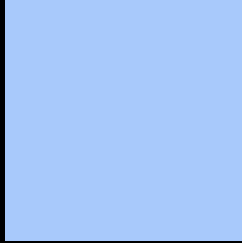
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 57.0632, 0.2581, 0.2705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

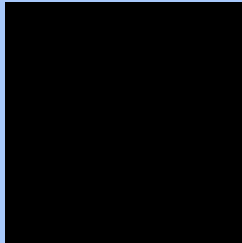
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

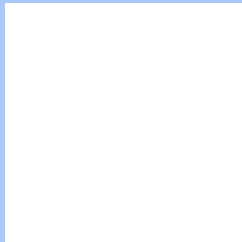
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.0632, 0.2581, 0.2705

Background



This preview shows how black text looks on a background with the Yxy color 57.0632, 0.2581, 0.2705.



This preview shows how white text looks on a background with the Yxy color 57.0632, 0.2581, 0.2705.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

57.0632, 0.2581, 0.2705

Protanopia

56.6963, 0.2706, 0.2695

Deuteranopia

57.0056, 0.2708, 0.2647



Tritanopia

57.0474, 0.2703, 0.3078

Trichromacy



Original Color

57.0632, 0.2581, 0.2705

Protanomaly

56.8114, 0.2657, 0.2701

Deuteranomaly

56.9059, 0.2658, 0.2661

Tritanomaly

56.9614, 0.2661, 0.2937

Monochromacy



Original Color

57.0632, 0.2581, 0.2705

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.8370, 0.2903, 0.3061

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0632, 0.2581, 0.2705 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(168, 201, 251)` looks like.

```
.text, #text, p{  
    color:rgb(168, 201, 251)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(168, 201, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 201, 251) }
```

Border

The CSS property to change the border of an element to Yxy 57.0632, 0.2581, 0.2705 is called "border". The border property can be set on classes, ids or directly on the HTML element.

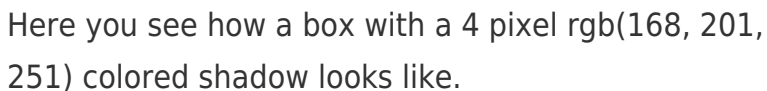
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 201, 251) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(168, 201, 251) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(168, 201, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 201, 251); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 201, 251); box-shadow:4px 4px 4px 4px rgb(168, 201, 251) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0632, 0.2581, 0.2705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 201, 251) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(168,  
201, 251) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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